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Eastern Illinois University

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EASTERN ILLINOIS STATE TEACHERS COLLEGE

Bulletin

SUMMER TERM, 1947
CHARLESTON, ILLINOIS



Women's Dormitory.

OBJECTIVE:

The general objective of this college is to provide students who wish to teach with an integrated general and professional education. This objective is fourfold: (1) scholarship; (2) skill in teaching; (3) personal fitness; (4) integration of all these aims into an understanding of our debt to the past and our obligation to the future in the common enterprise of public education.

RATING:

Eastern Illinois State Teachers College is accredited

(1) as a Teachers College in the American Association of Teachers Colleges,

(2) as a College in the North Central Association of Colleges and Secondary Schools, and

(3) as an institutional member, American Council on Education.

STATE OF ILLINOIS

DWIGHT H. GREEN, *Governor*

EASTERN ILLINOIS STATE TEACHERS COLLEGE BULLETIN

No. 178

April 1, 1947



47th SUMMER TERM

June 9—August 1

Eastern Illinois State Teachers College Bulletin, issued quarterly, by the Eastern Illinois State Teachers College, Charleston, Illinois. Entered March 5, 1902, as second class matter, at the post office at Charleston, Illinois. Act of Congress, July 16, 1894.

COLLEGE CALENDAR

SUMMER TERM, 1947



Monday, June 9.....Registration, 8 a. m.
Tuesday, June 10.....Class Work Begins, 7:30 a. m.
Friday, July 4.....Independence Day (Holiday)
Tuesday and Wednesday, July 1 and 2.....
.....Educational Conference and Exhibit
Friday, July 18.....Six Weeks Term Closes
Friday, August 1Term Closes
Monday, August 4.....Off-campus Workshop in Flora Opens
Monday, August 4....Off-campus Workshop at Mt. Carmel Opens
Friday, August 22.....Workshops Close



Thursday and Friday, Sept. 11 and 12....Freshman Orientation
Monday, September 15.....Fall Quarter Registration

DEPARTMENT OF
REGISTRATION AND EDUCATION

THE TEACHERS COLLEGE BOARD



EX-OFFICIO MEMBERS

FRANK G. THOMPSON

Director of Registration and Education (Springfield)

Chairman

VERNON L. NICKELL

Superintendent of Public Instruction (Springfield)

Secretary



APPOINTED MEMBERS

MISS HARRIETT A. MCINTIRE, Mendota.....	1937-43
MRS. HELEN R. PEGELOW, Mattoon.....	1939-45
DR. PRESTON BRADLEY, Chicago.....	1941-47
LINDELL W. STURGIS, Metropolis.....	1941-47
RUSSELL L. GUIN, Danville.....	1941-47
ROBERT W. DAVIS, Carbondale.....	1943-49
RICHARD F. DUNN, Normal.....	1943-49
IRA M. MEANS, Macomb.....	1945-51
LEWIS M. WALKER, Gilman.....	1945-51



CHARLES G. LANPHIER.....Co-ordinator (Springfield)

Under the provisions of the Civil Administrative Code for the consolidation of State Agencies under the direction of the Governor, the five State Teachers Colleges of Illinois are controlled by a single board consisting of eleven members: The Director of Registration and Education, who is ex-officio chairman, the Superintendent of Public Instruction, who is ex-officio secretary, and nine members appointed by the Governor for terms of six years.

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EASTERN ILLINOIS STATE TEACHERS COLLEGE CHARLESTON



FACULTY

SUMMER TERM, 1947

(Date of Joining Staff in Parentheses)
(Asterisk (*) indicates head of the department.)
(Double asterisk **) indicates acting head of the department.)

Administration

Robert Guy Buzzard, Ph.D.....President (1933)
Hobart Franklin Heller, Ph.D.....Dean (1931)
Harold M. Cavins, Ed.D.....Dean of Men (1928)
Elizabeth K. Lawson, Ph.D.....Dean of Women (1939)
Blanche Claire Thomas.....Registrar (1922)
Raymond Rosco Gregg, A.M.....Business Manager (1934)
Harry Louis Metter, Ph.D.....
.....Director of Teacher Training and Placement (1934)
Donald Allen Rothschild, Ph.D.....Principal, High School (1934)
Arthur U. Edwards, Ph.D.....Principal, Elementary School (1937)
Bryan Heise, Ph.D.....Director of Extension (1937)
Rudolph D. Anfinson, Ph.D.....Director of Veterans Services (1940)
Stanley M. Elam, A.M.....Director of Public Relations (1946)
Mary Ellen Thompson, R.N.....College Nurse (1930)
Alice Nellie Cotter, A.B.....Director of Pemberton Hall (1939)
Camille F. Monier.....Superintendent of Grounds (1935)
John G. Haney.....Maintenance Engineer (1946)
Robert O. Brooks.....Superintendent of Buildings (1946)
John Livingston.....Superintendent of Heating (1918)
Elizabeth Jane Lionberger, B.Ed.....Secretary (1943)
Violet Bird Taylor, B.A.....Secretary (1935)
Florence Leone Fair, A.B.....Secretary (1940)
Helen Josephine Whalen.....Secretary (1942)
Dorothy Virginia Davis.....Stenographer (1937)
Dorothy Cherry.....Secretary (1945)
Loretta Sayler.....Stenographer (1946)
Ruth Colleen Sorensen.....Secretary (1946)
Frances May Benepe.....Stenographer (1947)
Cleo Walls.....Bookkeeper (1947)
Henry J. Arnold, A.M.....Manager, Textbook Library (1935)

Art

Calvin Countryman, A.M.....Instructor (1945)
Inez Parker, A.M.....Instructor (1946)

Biological Science

Botany

Ernest Lincoln Stover, Ph.D.*.....Professor (1923)
Hiram Frederick Thut, Ph.D.....Associate Professor (1932)

Zoology

Charles Stockman Spooner, Ph.D.*.....Professor (1919)
Richard Thomas Hartley, Ph.D.....Associate Professor (1944)
Walter Merritt Scruggs, Ph.D.....Associate Professor (1929)
William D. Murray, Ph.D.....Assistant Professor (1946)

Commerce

James M. Thompson, Ed.D.*.....Professor (1937)
Earl Samuel Dickerson, Ed.D.....Associate Professor (1935)
Jessie Martha Hunter, A.M.....Assistant Professor (1937)

Education

Harry Louis Metter, Ph.D.....Professor (1934)
Donald Allen Rothschild, Ph.D.....Associate Professor (1934)
William H. Zeigel, Ph.D.....Associate Professor (1937)
Arthur U. Edwards, Ph.D.....Associate Professor (1937)
Elizabeth K. Lawson, Ph.D.....Associate Professor (1939)
Bryan Heise, Ph.D.....Associate Professor (1937)
Hans Christian Olsen, Ph.D.....Associate Professor (1938)
Harold M. Cavins, Ed.D.....Associate Professor (1928)

English

Howard DeForest Widger, Ph.D.*	Professor (1912)
Eugene M. Waffle, Ph.D.	Associate Professor (1926)
Francis Willard Palmer, Ph.D.	Associate Professor (1945)
Winnie Davis Neely, M.A.	Assistant Professor (1934)
Martha L. Smith, Ph.D.	Assistant Professor (1946)
Harriet Love, M.S.	Instructor (1932)
Eve Mary Kelly, A.M.	Instructor (1946)

Foreign Language

Kevin Guinagh, Ph.D.*	Professor (1931)
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Geography

Elton M. Scott, Ph.D.*	Associate Professor (1946)
Ruby Mildred Harris, S.M.	Professor (1923)
Rose Zeller, Ph.D.	Associate Professor (1930)

Home Economics

Helen Louise Devinney, A.M.	Instructor (1943)
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Industrial Arts

Walter Allen Klehm, Ed.D.*	Professor (1938)
Russell Henry Landis, Ed.D.	Associate Professor (1930)
Charles A. Elliott, A.M.	Instructor (1946)
Cornelius Versteeg, B.A.	Instructor (1946)

Library

Roscoe F. Schaupp, Ph.D.*	Professor and Librarian (1945)
Alma DeJordy, M.S. in L.S.	Assistant Professor (1946)
Lee Anna Jewell Smock, A.M.	Instructor (1944)
Harriet Love, M.S.	Instructor (1932)
Margaret Lorena Ekstrand, B.S. in L.S.	Instructor (1942)

Mathematics

Hobart Franklin Heller, Ph.D.**	Professor (1931)
Ruth Hostetler, A.M.	Assistant Professor (1929)
Theodore Weaver, A.M.	Assistant Professor (1946)

Music

Leo J. Dvorak, Ph.D.*	Associate Professor (1940)
Rudolph D. Anfinson, Ph.D.	Associate Professor (1940)
Ethel Irene Hanson, A.M.	Assistant Professor (1927)
Esther B. Miller, M.M.	Instructor (1946)

Physical Education, Men

Charles P. Lantz, Pd.D.*	Professor (1911)
Maynard O'Brien, M.S.	Substitute Instructor (1946)
William A. Healey, M.A.	Instructor (1946)

Physical Education, Women

Edith Crawford Haight, Ph.D.	Associate Professor (1938)
Winifred H. Bally, M.A.	Instructor (1946)

Physical Science**Chemistry**

Harris E. Phipps, Ph.D.*	Professor (1931)
Lawson Francis Marcy, Ph.D.	Associate Professor (1944)
Melvin O. Foreman, Ph.D.	Assistant Professor (1946)

Physics

Ora Lee Railsback, Ph.D.*	Professor (1924)
Glenn Q. Lefler, Ph.D.	Associate Professor (1946)

Social Science

Charles Hubert Coleman, Ph.D.*..... Professor (1926)
 Kevin Guinagh, Ph.D..... Professor (1931)
 Glenn Huron Seymour, Ph.D..... Associate Professor (1929)
 Donald Rhodes Alter, Ph.D..... Associate Professor (1934)
 William Gerbing Wood, Ph.D..... Associate Professor (1938)
 Raymond A. Plath, Ph.D..... Assistant Professor (1946)

Speech

James Glenn Ross, Ph.D.*..... Professor (1934)
 Elbert R. Moses, Jr., Ph.D..... Associate Professor (1946)
 George Ross, M.A..... Instructor (1946)

TRAINING SCHOOLS

Training Schools

Harry Louis Metter, Ph.D.*.....
Director of Teacher Training and Placement Bureau (1934)

Teachers College Elementary School

Arthur U. Edwards, Ph.D.....Principal (1937)
 Leah I. Stevens, S.M.....
Assistant Professor and Seventh Grade Critic (1920)
 Elsie J. Hampton, M.A.....Instructor and Sixth Grade Critic (1945)
 Florence E. Reid, A.M.....
Assistant Professor and Fifth Grade Critic (1946)
 Myrtle Arnold, A.M.....
Assistant Professor and Fourth Grade Critic (1930)
 Nannilee Saunders, A.M.....
Assistant Professor and Third Grade Critic (1935)
 Mary Sigafoos, A.M.....
Substitute Instructor and Second Grade Critic (1947)
 Donna Norton, M.A.....
Substitute Instructor and First Grade Critic (1947)

THE SUMMER TERM

GENERAL INFORMATION

GENERAL PLAN

The summer term of 1947 offers the following plans for attendance:

- (1) A basic eight weeks term. This is designed to fit the needs of most students who will attend.
- (2) A six weeks term with offerings limited in the main to refresher courses and other courses that may be of interest to teachers who wish to earn five semester hours in elementary education without necessarily applying them toward a degree.
- (3) Three weeks workshops.

ADMISSION

- (1) Graduates of recognized four-year high schools and
- (2) holders of teachers' certificates are admitted to the summer term. Likewise, all former students or those transferring from other colleges and universities may be admitted under certain qualifications.

Students entering for the first time who have not matriculated in any college shall present a transcript of high school credits as a part of their regular application form.

Students (1) who are dropped for poor scholarship or (2) who are on probation on account of low scholarship at other colleges and universities, if admitted, must make a C average at the end of the first term here in order to continue in this institution.

Those entering for the first time by transfer from some other college or university in which they have matriculated shall present an official transcript, including a statement of good standing from the college last attended if they plan to work toward graduation here. If not, a statement of classification and good standing from the college or university last attended is sufficient.

To avoid delay and confusion, all such credentials should be on file *ten days before registration*. Persons who fail to clear completely and satisfactorily their relationships with other institutions will not be permitted to continue in residence after June 20.

Application forms for admission and detailed information concerning any transfer of credits may be obtained by writing to the Registrar.

CREDIT

The unit for measuring credit is the quarter hour, representing one recitation hour per week of prepared work for twelve weeks. It is equivalent to two-thirds of a semester hour. A statement of the amount of credit is included in the description of each course.

A year's college work is equivalent to forty-eight quarter hours (thirty-two semester hours) of prepared work. A year's work in one subject is equivalent to twelve quarter hours (eight semester hours). The normal load of work for each quarter of the regular school year is four full courses, giving sixteen quarter hours credit. The regular load of work in a summer term of six weeks is two full courses (8 quarter hours) and in an eight weeks term three full courses (12 quarter hours).

Students who withdraw before the end of a summer term for which they are registered will receive no partial credit for courses taken.

NUMBERING OF COURSES

Courses numbered 100-199 are freshman courses; 200-299, sophomore courses; 300-399, junior courses; 400-499, senior courses.

SCHOLARSHIP

Grades are expressed in letters as follows:

A. Excellent	3 grade points
B. Good	2 grade points
C. Average	1 grade point
D. Poor, but passing*	0 grade point
E. Condition (Incomplete work).....	0 grade point
F. Failure	—1 grade point
W. Withdrew	0 grade point

*Passing, but not accepted toward graduation or toward admission to practice teaching if more than one-fourth of the student's credits receive a grade of D.

PROBATION

Students failing in one course and having less than C in the remaining courses or earning three grades of D (two grades of D in a six weeks term) are on probation for the following quarter or term.

EXTRA COURSE LOAD

Two four quarter hour courses, with the addition of not more than two one quarter hour courses, constitute a normal load in the six weeks term, and is the maximum load permitted in that period.

Three four quarter hour courses, with the addition of not more than two one quarter hour courses, constitute the normal load in the eight weeks term, but students whose grade point average in their last quarter of residence was 2.0 or higher may, with special permission of the Dean, register for one additional four quarter hour course.

GRADUATION REQUIREMENTS

The degree of Bachelor of Science in Education (B.S. in Ed.) is conferred upon graduation. Four-year curricula prepare teachers for high school, for special grade work, and for positions as principals, supervisors, and teachers of special subjects. **A year's work in residence (Senior college credit) is required for a degree.**

Each curriculum that leads to the Bachelor's degree requires the completion of one hundred ninety-two quarter hours of academic courses, with the addition of required physical education, Library 120, and, in certain curricula, Commerce 120.

Curricula that lead to the Junior College Diploma require ninety-six quarter hours of academic courses exclusive of Library 120 and required physical education.

An average of C is required for graduation and for institutional recommendation for a certificate. Not more than one-fourth of the student's grades may be D.

One-third of the student's credits toward graduation must be in courses not open to freshmen and sophomores (courses numbered in the 300's or 400's). This requirement is in accordance with the standard of the American Association of Teachers Colleges.

The University of Illinois admits to full graduate standing all graduates of the Teachers College who present twenty semester hours of content courses in one major academic subject other than education.

Students who plan to teach in high schools should see that their records satisfy the requirements of the Illinois Examining Board and the North Central Association.

EXPENSES

Fees for a six weeks' term are as follows:

Registration Fee	\$ 5.00
Student Activity Fee.....	3.00
	<hr/>
	\$ 8.00
Book Rental Fee.....	1.75
	<hr/>
Total	\$ 9.75

Fees for an eight weeks' term are as follows:

Registration Fee	\$ 7.50
Student Activity Fee.....	4.50
	<hr/>
	\$ 12.00
Book Rental Fee.....	2.75
	<hr/>
Total	\$ 14.75

Fees for three weeks' workshop.....\$ 9.00

Fees for three weeks' off-campus workshop\$ 10.00

Lindly Scholarships are accepted to a total of twelve quarters or terms of residence. Holders of such acceptable scholarships do not pay the registration fee.

The holder of a Teachers College Scholarship pays his fees at the beginning of the term and is reimbursed by the State at the close of the term or quarter for the expenditure made for registration fee, book rental, and student activity fee. Reimbursement may not exceed \$80 for one fiscal year. The scholarship must be presented on registration day.

Any person entering war-time military service from Illinois and receiving an honorable discharge is eligible to a Teachers College Military Scholarship good for four years of training at any of the five teacher-training institutions. This scholarship covers the fees (registration, book rent, and student activity fee) due at the beginning of each quarter or term.

Veterans who apply for and use the Military Scholarship pay only laboratory fees and fees for supplies and materials. This scholarship is secured by presenting a certified copy of an honorable discharge to the Director of Veterans Services at the College.

All the provisions of the G.I. Bill of Rights operate during the summer term. Veterans enrolling for the first time under the G.I. Bill should apply to the Director of Veterans Services.

The book rental fee indicated above covers all necessary textbooks.

Fees for materials used are paid in certain courses in art, home economics, and industrial arts. Completed projects are the property of the student. The foregoing statement applies to Art courses Nos. 131, 233, 234, 350; Industrial Arts 336 and 460, which are offered in this summer term. A fee of \$1.00 is required of students taking laboratory science courses to cover supplies and breakage, for music instruments, technique courses in music, and typewriting. Students enrolled in chemistry courses make a deposit of \$3.00 for a breakage ticket for each course. The unused portion of the ticket is refunded at the close of the term.

A \$5.00 graduation fee for a degree is payable on April 1. This fee covers all graduation expenses, including use of cap and gown. Students who expect to complete the requirements for graduation by the end of the summer term must notify the Registrar in writing by April 1.

A towel deposit of \$1.75 is required of each student in physical education. Seventy-five cents of this amount is refunded when the towel is returned at the end of the term.

The cost of rooms for women in Pemberton Hall varies from \$2 to \$2.50 per week with privileges of laundry; board in Pemberton Hall costs \$8.50 a week. In private families the cost is about the same.

PENALTIES

Late registration.—An additional fee of \$1 is charged for failing to complete registration on Monday, June 9.

Change of program.—A fee of \$1 is charged for a change of program after Wednesday, June 11.

Use of library.—For failure to return books, pictures, and magazines to the college library before scheduled time a fine is charged and must be paid before a student's record for the term is clear.

Textbook library.—For failure to return all books in good condition at the end of the term a fee of \$1 plus the cost of the book damaged or lost is charged.

No credits for the term are issued until the textbook library and college library accounts are cleared.

REMISSION OF FEES

No fees are remitted for the summer term unless the student withdraws and notifies the Registrar in person or by letter received by Wednesday, June 11.

ASSEMBLY

A College Assembly is held in the Assembly Hall each week at times to be announced. Attendance of all students and faculty is expected.

STUDENT TEACHING AND OBSERVATION

Opportunity is offered during the first six weeks for supervised student teaching and for observation in the first seven grades of the Training School. Permission to observe in the Training School should be obtained from the Director of Teacher Training.

It is possible to accept only a limited number for student-teaching credit in the summer term. Applicants are accepted in the order in which their applications are received, provided they meet the requirements for student teaching.

Rural School Observation. For the eighth consecutive summer, a modern one-teacher school is operated on the campus to provide special opportunities for observation by teachers enrolled in Education 313. Since enrollment in this course is limited, students desiring to register for it should apply to Dr. Hans C. Olsen prior to the opening of the summer term. Students not enrolled for Education 313 may observe in the one-teacher school whenever its space and facilities permit.

ADMISSION TO STUDENT TEACHING

Students in either the six weeks term or the eight weeks term who wish to be admitted to student teaching must apply to the Director of Student Teaching prior to Registration Day. Enrollment is limited. Credit of four or six quarter hours may be earned.

Prerequisites for admission include:

1. Completion of sixteen quarter hours or one summer term (12 q. hrs.) in residence at this institution.
2. Full sophomore standing.
3. Grade point average of 1.0 or higher and 8 q. hrs. in education.
4. Library 120, Commerce 120, if required in the student's curriculum, and all physical education courses required prior to admission to student teaching.

THE BUREAU OF TEACHER PLACEMENT

The college maintains a Bureau of Teacher Placement with offices in the Main Building. Students who have attended this institution for one year or more may register with the bureau. Registration is prerequisite to graduation from the college. The services of the bureau are free to students enrolled in the college. Alumni are charged a registration fee of \$1.

From carefully compiled records the bureau furnishes to a prospective employer the academic, student teaching, extra-curricular, and experience records of an applicant, together with personal data, photograph, and copies of letters of recommenda-

tion. Interviews between employers and applicants may be held in the conference rooms of the bureau.

The interest of the bureau is continued after placement through a system of follow-up reports from employers.

HOUSING ACCOMMODATIONS

Pemberton Hall, the women's dormitory, is operated during the summer session. The cost of room rent ranges from \$2 to \$2.50 per week, and board costs \$8.50 per week. Bills are payable monthly in advance.

Applications for rooms in Pemberton Hall should be made to Mrs. Alice Cotter, Director. An application must be accompanied by a deposit of \$5. This deposit is credited to the account of the student. In case a reservation is not available, or in case the student cancels her reservation two weeks or more before the opening of summer school, the deposit is returned; it is forfeited if the student cancels her reservation after that date.

All students, except those who live in the dormitory, are required to live in houses approved by the Housing Committee. Room rent ranges from \$2 to \$3.50 per week for each student (two students sharing the room). Lists of approved houses for women may be obtained from the Dean of Women and of approved houses for men from the Dean of Men.

There are several student boarding houses near the campus. Students who prefer to make light-housekeeping arrangements will find that the list of approved rooming houses contains several houses in which kitchen privileges may be obtained. A limited number of students who live in private rooming houses may obtain board in Pemberton Hall.

A trailer camp and temporary apartments are operated by the college for married veterans who wish to bring their families to Charleston. Students who are interested should write to the Director of Veterans Services.

DEANS OF PERSONNEL

The Dean of Women and the Dean of Men serve as student counselors and are available for consultation during office hours or by appointment. They sponsor the social activities carried on by the student body as a whole, and work with the college Housing Committee on arrangements for student housing. In emergency situations they are able to extend financial assistance through short-time loans from the Deans' Emergency Loan Fund.

LIBRARY

The college library with approximately 66,000 books and pamphlets, more than 400 magazines, and many daily newspapers

occupies the west end of the first floor of the Main Building. Basic reference books are on open shelves in the south room while circulating books are in the stacks.

A course in the Use of the Library, 12 periods, is offered during the six weeks' term.

The Training School Library, located on the third floor of the Training School, is in charge of a children's librarian and is open to summer school students. Here are collected more than 4,000 books suited to the needs of the elementary school and the junior high school. For those who wish to obtain titles of books for school libraries, lists selected by those familiar with children's books are provided and conferences with the librarian are arranged.

Exhibits are on display in the Training School Library and are changed weekly in order that a variety of materials may be called to the special attention of visitors.

PHYSICAL EDUCATION

A broad program of physical education activities is made available to both men and women in the summer term. The program includes voluntary activities and intramural contests as well as regular physical education classes. Voluntary activities may include badminton, soft-ball, tennis, archery, golf, horse-shoes, shuffle board and other games and daily sessions in physical fitness exercises designed to improve health and posture. Students who plan programs of voluntary activities may arrange for one to four hours per week in activities of their choice. Regular physical education classes meet four hours each week with approximately half of the time devoted to physical fitness exercises and the remainder to sports.

Special classes are planned for teachers who desire help in their teaching of physical education under the new state law.

The physical education program is planned to provide maximum benefit to all students who wish to participate, and every student who is not physically disabled is urged to plan for regular periods of activity whether or not it is required.

Regular college students are required to attend classes in physical education during every quarter of residence including summer terms until twelve quarters have been completed. *For students who attend only in summer terms this requirement is modified as follows: Candidates for graduation who have completed six quarters of physical education are released from further requirements, and students who do not expect to become*

candidates for graduation are released from all physical education requirements regardless of the number of quarters previously completed.

EDUCATIONAL CONFERENCE

The Tenth Annual Summer Educational Conference and Book and Equipment Exhibit will be held Tuesday and Wednesday, July 1 and 2. Prominent educators will speak and the most recent books and materials for teaching will be on exhibit.

RECREATIONAL ACTIVITIES

Eastern has excellent facilities for outdoor recreation. The campus is widely known for its beauty, with fine trees and shrubs forming an attractive setting for its buildings, and a large formal garden adding color throughout the summer. A campus picnic ground with fireplaces and tables is a popular spot. Tennis courts, playing fields, and a nine-hole golf course add to the opportunities for healthful and interesting recreation.

The municipal swimming pool is four blocks from the campus. Fox Ridge State Park, a recreation area with picnic grounds, trails for hiking, and other features, is only a few miles from the city. Lincoln Log Cabin State Park, nine miles south of Charleston, with its reproduction of the home of Thomas Lincoln, is visited annually by hundreds of persons.

A number of social activities are scheduled each summer, and the Entertainment Course brings one or more worthwhile numbers to the students and faculty.

MUSIC ACTIVITIES

Glee Club and Chorus are conducted as extra-curricular activities. Students are cordially invited to participate in these activities.

A "Music Hour" is held each Tuesday evening, at seven o'clock, under the auspices of the music department. Community singing of the old favorites, solo and group numbers, and occasional playing of recordings, comprise the programs. The student body and the public are invited.

FIELD STUDY TOUR

The Prairie State Field Study Courses, which had been discontinued during the war years, are resumed in 1947 with a tour of the American Southwest. The trip extends through forty-five days and takes the party to points of interest in Illinois, Tennessee, Arkansas, Texas, New Mexico, Arizona, Nevada, California, Utah, Colorado, Kansas, and Missouri. Six quarter hours of credit in Social Science and six quarter hours of credit in Geog-

raphy may be earned during the trip. A special bulletin of information concerning the tour may be obtained upon request to the Registrar.

TWO-YEAR GENERAL CURRICULA

Many of the summer term courses may be applied toward the two-year general curricula which lead to the Junior College diploma. Students who are interested are invited to write for further details.

SUMMER SCHOOL WORKSHOPS

Workshops for the study of individual problems in elementary and rural education are planned as follows:

(1) **General Workshop.** In order to make available the resources and facilities of the college to students and teachers who wish to work on problems related directly to their own work, a general workshop in elementary and rural education has been planned for the summer. Credit of four quarter hours may be granted. Teachers may work either singly or in groups.

The following departments are cooperating in the workshop: Education, Social Science, Geography, Industrial Arts, Music, and Science. All members of the workshop are required to attend some general sessions but most of the guidance is given through individual conference. Recreational and social activities are planned. Some suggested problems are: (1) The use of the new state curriculum guide; (2) Work in public school music; or (3) Special reading problem.

(2) **Off Campus Workshop, Flora, Illinois, August 4-August 22, inclusive.** Regularly certified teachers and persons with emergency certificates are admitted. Credit of four quarter hours is granted for satisfactory completion of an acceptable project. The major emphasis will be upon the new curriculum guide.

(3) **Off Campus Workshop, Mt. Carmel, Illinois, August 4-August 22, inclusive.** Conservation of Natural Resources. Regularly certified teachers and persons with emergency certificates are admitted. Credit of four quarter hours is granted upon satisfactory completion of the course. Emphasis will be upon the conservation of natural resources with special emphasis on soil conservation.

Enrollment in a workshop is by special permission. Further information may be obtained by writing to Dr. Bryan Heise, Eastern Illinois State Teachers College, Charleston, Illinois.

ANNOUNCEMENT FOR 1947-48

A copy of a bulletin of the College containing announcements for 1947-48 will be sent upon request to the Registrar.

GRADUATE STUDY

Plans for offering graduate study at Eastern are being studied by the faculty. Such work will not, however, be instituted in the immediate future.

THE CERTIFICATING LAW

I. A limited elementary school certificate may be obtained as follows:

- (A) Applicants who have completed sixty semester hours of work in elementary training courses including ten semester hours of education, five semester hours of which shall be in student teaching, are eligible for an examination which if passed successfully entitles them to a certificate.
- (B) Applicants who hold a bachelor's degree with a minimum of sixteen semester hours in education, including at least five semester hours in student teaching, are eligible for a certificate.

II. A limited kindergarten-primary certificate may be obtained as follows:

- (A) Applicants who have completed sixty semester hours of work, including ten semester hours of education, five semester hours of which shall be in student teaching, are eligible for an examination which if passed successfully entitles them to a certificate.
- (B) Applicants who hold a bachelor's degree with a minimum of sixteen semester hours in education, including at least five semester hours in student teaching, are eligible for a certificate.

III. A limited high school certificate may be obtained by graduation with the Bachelor's degree from a curriculum for the training of high-school teachers.

IV. If the student has taught successfully for four years he may have also a supervisory certificate.

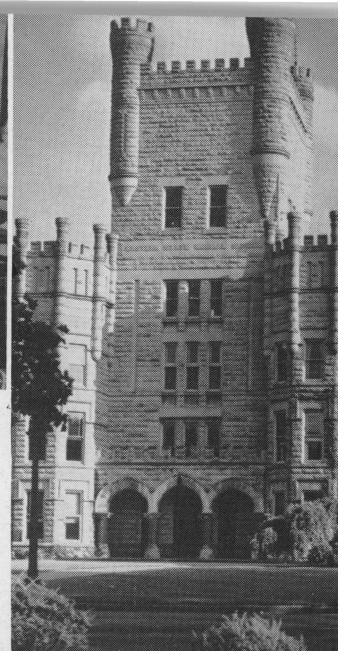
Note: For certification and graduation requirements relative to scholarship, see page 10.



Above—Teachers Enrolled in 1946 Workshop at Effingham.

Right—Venerable "Walls and Towers."

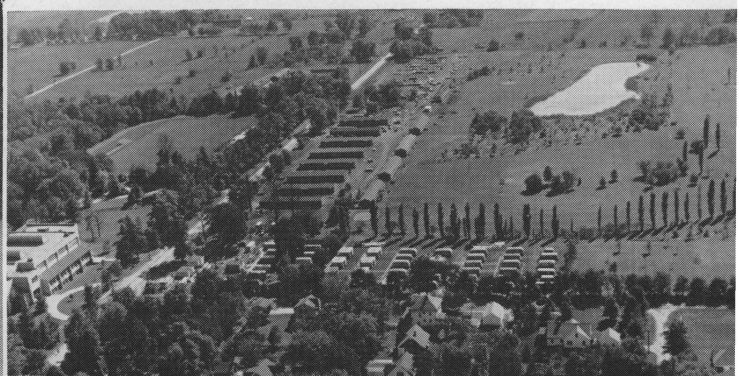
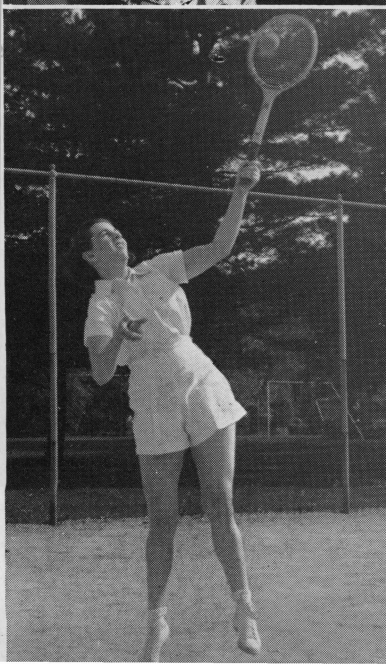
Below, Left—Art Class in "Finger Painting."



Right, Above—"Jungle Unit" in Third Grade of Training School.

Left—Recreational Facilities Include Tennis and Badminton Courts, Golf and Archery.

Below—Temporary Housing Units for Veterans.



DESCRIPTION OF COURSES

I. THREE WEEKS COURSES

Education RE226. WHAT THE RURAL SCHOOL SHOULD TEACH. (*1/4 q. hrs.*) Important problems facing people born and reared in rural areas and their significance to urban people are studied together with the educational needs that grow out of these problems. Emphasis is given to what the rural school should teach, how to select and organize the subject matter it will use, and how to find and use the learning materials and other resources available to the typical rural school. Much use will be made of the Illinois Curriculum and Course of Study Guide for Elementary Schools. July 14 to August 1, inclusive. Mr. Olsen.

II. SIX WEEKS COURSES

Art 130. INTRODUCTION TO ART. (*1/4 q. hrs.*) Background material for teaching of art in elementary schools. 9:50 to 10:50, 2:40 to 5:00. Mr. Countryman.

Biology 129. SCIENCE IN THE ELEMENTARY SCHOOL. (*1/4 q. hrs.*) A discussion of the content and methods of teaching science in the grades. 9:50 to 12:00. Mr. Scruggs.

Education 313. RURAL SCHOOL OBSERVATION. (*1/4 q. hrs.*) Planned to help teachers in one-room and other small schools understand children; how they grow, develop, and learn; how to discover their needs and how to help them meet their needs; what to teach them and how to teach them; how to organize the school; how to set up the daily program; and other like problems. The new Illinois Curriculum Guide is studied intensively. A modern one-teacher school is in operation to provide opportunities for many class and individual observations. The teacher of this school is available for group and individual conferences insofar as her time permits. Students not enrolled in this course may observe in the one-teacher school whenever its space and facilities permit. 8:40 to 10:10. Mr. Olsen.

English 122. LITERATURE IN THE GRADES. (*1/4 q. hrs.*) Great bodies of world literature—myth, legend, etc.—and poetry suitable for children. 7:00 to 8:30. Miss Neely.

English 126. GRAMMAR. (*4 q. hrs.*) A study of the English sentence with some attention to the parts of speech. Methods are illustrated and stressed. This is primarily a course for those preparing to teach in the upper grades or in junior or senior high school English, but is open to any student who feels the need of grammatical insight. 2:40 to 4:10. Miss Kelly.

Geography 120. PRINCIPLES OF GEOGRAPHY. (*4 q. hrs.*) A survey of the basic relationships between the natural environment and man's activities. This course is organized as a service course for those who are preparing for elementary school teaching and as a foundation for those who have selected geography as a major or minor subject. 2:40 to 4:10. Miss Harris.

Geography 448. CONSERVATION OF NATURAL RESOURCES. (*4 q. hrs.*) A study of problems dealing with the conservation of soil, minerals, forests, animals, and waters, with special reference to the United States. 1:00 to 2:30. Miss Zeller.

Industrial Arts 224. PRIMARY GRADE HANDWORK. (*4 q. hrs.*) Handwork with paper, raffia, reeds, and clay. 7:30 to 9:40, with extra hours by arrangement. Mr. Klehm.

Industrial Arts 225. INTERMEDIATE GRADE HANDWORK. (*4 q. hrs.*) Woods, ceramics, metals, and graphic arts. 9:50 to 12:00, with extra hours by arrangement. Mr. Klehm.

Library 120. THE USE OF THE LIBRARY. (*1 q. hr.*) 2:40 to 3:40 MTh. Mr. Schaupp.

Mathematics 120. THE SCIENCE, PSYCHOLOGY, AND TEACHING OF NUMBER. (*4 q. hrs.*) The subject matter and technique of teaching mathematics in the first six grades. 9:50 to 11:20. Miss Hostetler.

Mathematics 121. MATHEMATICS IN THE UPPER GRADES. (*4 q. hrs.*) The subject matter of the upper grades is discussed from the standpoint of psychological and scientific development and its use. 1:00 to 2:30. Miss Hostetler.

Music 120. INTRODUCTION TO MUSIC. (*4 q. hrs.*) Primary emphasis of the course is placed upon the musical development of the prospective teacher by means of group and individual singing, bodily movement in response to rhythms, study of elementary music theory, ear-training, and simple dictation, music reading, study of the elements of design in music, and acquaintance with music literature used in the appreciation

phase of the elementary school music curriculum. 7:00 to 8:30. Miss Hanson.

Physical Education 345. PHYSICAL EDUCATION ACTIVITIES FOR RURAL SCHOOLS. (*4 q. hrs.*) Guidance in analyzing the students' own school situations. Methods and materials for planning the physical education program to meet the needs under the new law. 8:40 to 10:10. Miss Haight.

Social Science 235. HISTORY OF THE UNITED STATES SINCE 1898. (*4 q. hrs.*) The War with Spain. The United States as a World Power. The growth of industry and the progressive movement. The First World War. Postwar problems. Depression and the New Deal. The Second World War. 7:00 to 8:30. Mr. Plath.

Teaching 441, 442, 443. Supervised Teaching. (*4 q. hrs. for each course*) Registration by arrangement with the Director of Student Teaching.

III. EIGHT WEEKS COURSES

ART

130. Introduction to Art. (*4 q. hrs.*) (See six weeks courses.)

131. Design I. (*4 q. hrs.*) The application of decorative design and color to weaving, block printing, lettering, and posters. 9:50 to 10:50, 2:40 to 5:00. Miss Parker.

132. Drawing I. (*4 q. hrs.*) Opportunity for original work in free-hand drawing through the application of the principles of perspective, color, and design. Outdoor sketching. 11:00 to 12:00, 2:40 to 5:00. Mr. Countryman.

224. Art for the Elementary and Rural Teacher. (*4 q. hrs.*) Techniques and unit planning. 7:30 to 8:30, 2:40 to 5:00. Miss Parker.

226. Life Drawing I. (*4 q. hrs.*) Constructive drawing from costumed model for freedom in pose, action and composition. Study of artistic anatomy. Development of techniques in several media. 8:40 to 9:40, 2:40 to 5:00. Mr. Countryman.

233. Drawing II. (*4 q. hrs.*) Development of skills in handling ink and pastels through freehand drawing of still life, decorative design and landscape. Outdoor sketching. 11:00 to 12:00, 2:40 to 5:00. Mr. Countryman.

234. Design II. (*4 q. hrs.*) Applied design developing techniques in crafts such as textile decoration with stencil, batik and silk screen, and wood crafts. Use of substitute materials an important consideration. Relation of crafts to club and summer

camp work and to occupational therapy. 9:50 to 10:50, 2:40 to 5:00. Miss Parker.

350. Painting. (*4 q. hrs.*) Water color, tempera, and oils are used. 8:40 to 9:40, 2:40 to 5:00. Miss Parker.

Certain other advanced courses in art may be taken by arrangement with the department.

BIOLOGICAL SCIENCE

I. General Biological Science

126, 127, 128. General Biological Science. (*4 q. hrs. for each course.*) An integrated course covering the fundamentals of botany and zoology. Local flora and fauna; structure, modification, and function of cells; physical and chemical properties of the food and energy relations of living things; cell division, reproduction, and laws of heredity. Biology 126, 9:50 to 11:20. Mr. Murray. Biology 127, 1:30 to 3:00. Mr. Murray. Biology 128, 7:30 to 9:00. Mr. Scruggs.

129. Biology. (*4 q. hrs.*) (See six weeks' courses.)

II. Botany

120. General Botany. (*4 q. hrs.*) A course designed to give the student a knowledge of the fundamental life processes concerned in the growth of plants; the manufacture of the foods by green plants that are essential for all plants and animals; the structure of leaves, stems, and roots in sufficient detail to understand the processes that result in growth and the effect of environment upon these processes. 9:50 to 12:00 MTTF. Mr. Stover.

122. General Local Flora and Plant Ecology. (*4 q. hrs.*) An introduction to the geographic and physiographic ecology of North America. The identification of trees and shrubs in summer, of the common fresh water algae, liverworts, mosses, ferns, and flowering plants, as the season changes; and a study of gross structures necessary for the recognition of these forms. The course is designed especially for elementary and secondary school teachers, but it is also useful to all who desire the ability to identify plants out-of-doors. *Prerequisite: Botany 120 and 121, or permission of the instructor.* 1:30 to 3:40 MTWF. Mr. Thut.

231. An Introduction to Fungi and Plant Diseases. (*4 q. hrs.*) The structure, life histories, and physiology of the groups of fungi (non-green plants) and their relation to decay, fermentation, and the important plant diseases, with methods of control especially for those causing disease. Comprehensive collections

of fungi and microscopic slides for the demonstration of the structures of the various types of fungi are available. 1:30 to 3:40, MTWF. Mr. Stover.

249. Systematic Botany. (*4 q. hrs.*) A study of the grasses and sedges and other monocotyledons including a general study of the classification of flowering plants in relation to the various families and their relationships.

This course is designed especially for the pre-forestry students and botany majors. It will be a valuable elective for the zoology majors interested in entomology and for the pre-agriculture students. *Prerequisite: Botany 122 or its equivalent.* 7:30 to 9:40, MTTF. Mr. Stover.

344. Experimental Plant Physiology. (*4 q. hrs.*) A qualitative and quantitative study of the experiments demonstrating the chemical and physical processes that result in the growth and reproduction of plants and the application of this knowledge in solving the common problems met in growing plants. This is a required course for majors in botany and is recommended as a part of a botany minor. *Prerequisite: A year of chemistry is desirable, Botany 120 and 121 or the permission of the instructor.* 9:50 to 12:00 MTTF. Mr. Thut.

350. Genetics. (*4 q. hrs.*) The problems of plant and animal inheritance explained by the biological processes involved in heredity. The general topics are simple Mendelian inheritance, hybrid segregation and propagation of hybrids, fluctuations and mutations and the genetic background explaining the change in kind (plant and animal). There are field trips to hybrid corn plants and to experimental and commercial greenhouses showing the application of genetic principles. *Prerequisite: One year of laboratory work in either botany or zoology.* 7:30 to 9:40 MTTF. Mr. Thut.

III. Hygiene

120. Hygiene and Sanitation. (*4 q. hrs.*) The first half of the course considers health factors (environment, living habits, heredity), nutrition, the muscular, excretory, and nervous systems, and the ductless glands.

The second part takes up bacteria and the resistance of the body to them, immunity to disease, water and water purification, sewage disposal, ventilation, food preservation, and health departments. 7:30 to 8:30. Mr. Hartley.

IV. Zoology

120. Animal Biology. (*4 q. hrs.*) A consideration of fundamental biological principles based upon animal material. The structure of cells, tissues, and organs, together with their functions, is considered. This is the first quarter of the first-year course in zoology. 7:30 to 9:00. Mr. Murray.

121. Animal Biology. (*4 q. hrs.*) This course is concerned with the various types of reproduction in animals, with genetics and eugenics, and with fundamentals of classification. 9:50 to 11:20. Mr. Spooner.

122. Animal Biology. (*4 q. hrs.*) Structure and habits of the animals of the various divisions of the animal kingdom. Students must buy or rent a set of dissecting instruments. This is the third quarter of the first-year course in zoology. 1:30 to 3:00. Mr. Spooner.

225. Anatomy. (*4 q. hrs.*) Bodily structure is first studied by systems, followed by consideration of regions to establish the relationship among the systems. Particular attention is given to muscles, their names, origin, insertion, action, blood and nerve supply, with the specific object of providing a basis for the understanding of general body movements. 1:30 to 3:40 MTWT. Mr. Hartley.

343. Advanced Zoology. (*4 q. hrs.*) Classification and ecology of insects. 7:30 to 9:00. Mr. Spooner.

346. Embryology. (*4 q. hrs.*) A study of the development of vertebrate animals, including such subjects as formation of germ cells, maturation, fertilization, growth and cellular differentiation, and heredity. Studies of the frog, chick and pig are included in the laboratory assignments. Lectures include a study of human embryology. 9:50 to 11:20. Mr. Hartley.

446. Microtechnic. (*4 q. hrs.*) Methods and practice in the preparation of microscopic slides of animal tissues. Some histological studies are included. *Prerequisite: Two years of zoology and permission of the instructor.* 1:30 to 3:00. Mr. Scruggs.

COMMERCE

110. Typewriting. (*4 q. hrs.*) A beginning course. Sufficient speed for personal use is attained. 7:30 to 8:30. Mr. Thompson.

111, 112. Typewriting. (*4 q. hrs. for each course.*) Continuation of Commerce 110. 11:00 to 12:00. Mr. Thompson.

120. Penmanship. (*1 q. hr.*) A course designed to improve handwriting at the desk and blackboard and to present methods of teaching handwriting. 2:40 to 3:40. Miss Hunter.

212. Office Practice. (*4 q. hrs.*) Typewriting; filing; the use of voice writing equipment; duplicating and calculating machines. *Prerequisite:* *Permission of the instructor.* 8:40 to 9:40. Mr. Thompson.

230. Accounting. (*4 q. hrs.*) Single proprietorship; personal records. 9:50 to 10:50. Mr. Dickerson.

330. Cost Accounting. (*4 q. hrs.*) Cost accounting is studied in this course, involving principles and methods in handling materials, direct labor, and distribution of overhead expenses as they relate to manufacturing concerns. Departmental accounting, consolidated statements, analysis of financial statements, and auditing are presented. 7:30 to 8:30. Mr. Dickerson.

446. Business Law. (*4 q. hrs.*) This course deals with the rules governing law and its administration; property, torts; contracts; agency, employer, and employee; negotiable instruments; and suretyship. The aim of the course is to give the student a thorough and correct understanding of the fundamental principles of business law. 1:30 to 2:30. Mr. Dickerson.

EDUCATION

220. Workshop. (*4 q. hrs.*) Opportunity to work on individual problems with guidance of staff members. Registration by permission only. 2:40, with other hours arranged. Mr. Heise.

226. What the Rural School Should Teach. (*4 q. hrs.*) Important problems facing people born and reared in rural areas and their significance to urban people are studied together with the educational needs that grow out of these problems. Emphasis is given to what the rural school should teach, how to select and organize the subject matter it will use, and how to find and use the learning materials and other resources available to the typical rural school. Much use will be made of the Illinois Curriculum and Course of Study Guide for Elementary Schools. 11:00 to 12:00. Mr. Olsen.

228. Reading. (*4 q. hrs.*) An introduction to a study of the principles and the methodology of teaching reading in the elementary grades. Major emphasis is placed on silent and oral work-type reading. The objectives, instructional materials, and the teaching problems to be developed in each stage of read-

ing experience form the basis for classroom discussion. The skills, attitudes, and abilities of each stage are considered. Demonstrations in the laboratory school are arranged for class observation and discussion. The place of phonics, the construction and use of tests, the making and use of good seat work, and the use of drills are topics carefully considered. *Prerequisite: Twelve quarter hours in education.* 11:00 to 12:00. Mr. Edwards.

230. An Introduction to Education. (*4 q. hrs.*) A comprehensive survey of the field of education designed to give an understanding of the development of the American school system, to aid in the analysis of current trends in American education, and to create an appreciation for teaching as a profession. Section I, 1:30 to 2:30, Miss Lawson; Section II, 2:40 to 3:40, Mr. Metter.

231. Introduction to Educational Psychology. (*4 q. hrs.*) A beginning course. Major topics treated are schools of psychology; the physical basis of behavior; native and acquired responses; mental hygiene; and individual differences. Section I, 8:40 to 9:40; Section II, 11:00 to 12:00. Mr. Rothschild.

232. Educational Psychology. (*4 q. hrs.*) The first four weeks are devoted to a study of the learning process. The second four weeks are devoted to a study of human growth and development. *Prerequisite: Education 230 and 231.* 9:50 to 10:50. Mr. Heise.

233. Rural School Observation. (*4 q. hrs.*) (See six weeks courses).

235. Primary Education. (*4 q. hrs.*) This course is devoted primarily to a study of problems pertaining to teaching in the first three grades. The principal topics for discussion are the mental, physical, and social growth of the child during the pre-school and primary grades periods; the aims and the curricula of the nursery school and the kindergarten; the aims, the curricula, the equipment, and the materials of the primary grades; teaching the various subjects in the curriculum of the primary grades; and the personal characteristics and the professional preparation of the primary teacher. *Required in the elementary curriculum. Prerequisite: Twelve quarter hours in education.* 9:50 to 10:50. Mr. Metter.

243. Principles of Education. (*4 q. hrs.*) The course deals with the properties of the human organism that make education possible, properties of society that make education necessary, historical concepts that have dominated organized education, the place of education in a democratic society, and the aims of edu-

cation in a democratic society. Emphasis is placed upon a study of recent social trends and their implications for education. *Prerequisite: Education 230, 231, 232.* 8:40 to 9:40. Mr. Zeigel.

344. Tests and Measurements. (*4 q. hrs.*) About one-third of the time is devoted to educational statistics. The remainder of the time is devoted to a brief study of the testing movement, advantages and limitations of various types of tests, criteria for the selection of tests, examination of numerous standardized tests, and the construction of tests in the student's major field. *Prerequisite: Sixteen quarter hours in education.* 2:40 to 3:40. Mr. Rothschild.

345. Directed Study and Observation of Teaching. (*4 q. hrs.*) Problems pertaining to the extra-instructional and the instructional activities of the secondary teacher are discussed. Observations in the Training School are an integral part of the course. *Prerequisite: Education 230, 231, 232.* 1:30 to 2:30. Mr. Zeigel.

447. Social Psychology. (*4 q. hrs.*) This course deals with the various phases of social behavior. Some of the problems dealt with are instinctive adaptation to social situations; group and individual reactions to social phenomena; customs; fashions; fads; conventions; national and racial attitudes; occupations; institutions; and the social self in the present-day world. *Prerequisite: Sixteen quarter hours in education.* 7:30 to 8:30. Mr. Heise.

455. Mental Hygiene. (*4 q. hrs.*) A course stressing the normal individual's problem of maintaining his own mental health, with secondary consideration of the significance to the community of mental illness in the cost of maintaining institutions in crime, delinquency, suicide, alcoholism, and the like. Study of the physical, mental, emotional, and social factors underlying mental health; the right and wrong use of mental mechanisms; the rise and development of the mental hygiene movement; and the application of its principles to home, school, and social situations. *Prerequisite: Sixteen quarter hours in education.* 11:00 to 12:00. Mr. Cavins.

ENGLISH

120. Composition. (*4 q. hrs.*) 1:30 to 2:30. Miss Kelly.

121. Composition. (*4 q. hrs.*) The second quarter's work in English for freshmen. 9:50 to 10:50. Miss Kelly.

122. Literature in the Grades. (*4 q. hrs.*) (See six weeks courses.)

125. Composition and Literature. (*4 q. hrs.*) The third quarter's work in English for freshmen. Section I, 8:40 to 9:40; Section II, 11:00 to 12:00. Miss Smith.

126. Grammar. (*4 q. hrs.*) (See six weeks courses.)

211. Journalism. (*4 q. hrs.*) An elementary course. 8:40 to 9:40. Mr. Palmer.

231. Nineteenth Century Prose Fiction. (*4 q. hrs.*) The fiction of the last half of the nineteenth century as represented by the novels of George Eliot, Meredith, and James. 9:50 to 10:50. Miss Neely.

234. American Literature. (*4 q. hrs.*) A survey of American literature from the beginning to the present, stressing trends and major writers, with as much reading in the originals as possible. Section I, 7:30 to 8:30. Mr. Widger; Section II, 2:40 to 3:40. Miss Neely.

235. Greek Drama. (*4 q. hrs.*) Origin and development of classical drama: Aeschylus, Sophocles, Euripides, with a study of Greek life and thought, and their contribution to our culture. 1:30 to 2:30. Mr. Palmer.

236. Shakespeare and the Elizabethan Drama. (*4 q. hrs.*) A study of Shakespeare's most important plays, and their place in the development of English drama. Some attention is given to the chief dramatists contemporary with Shakespeare. Section I, 11:00 to 12:00. Mr. Palmer; Section II, 1:30 to 2:30. Miss Smith.

237. Modern Drama. (*4 q. hrs.*) The purpose of this course is to familiarize the student with what is best in modern drama. 9:50 to 10:50. Mr. Widger.

343. Contemporary Literature. (*4 q. hrs.*) Extensive reading in current literature introduces the student to the best that is being written today, and provides him with some standards of judgment with the hope of stimulating his enthusiasm for good books. 11:00 to 12:00. Mr. Waffle.

344. Advanced Rhetoric. (*4 q. hrs.*) Chiefly written composition, applying the principles of organization and effective expression to somewhat more extended material than do English 120 and 121. The course is intended to give both an introduction to the methods of research and opportunity for original work. 7:30 to 8:30. Mr. Waffle.

347. **English Poetry.** (*4 q. hrs.*) Milton to Wordsworth. 8:40 to 9:40. Mr. Waffle.

348. **Nineteenth-Century English Poetry.** (*4 q. hrs.*) 1:30 to 2:30. Mr. Widger.

FOREIGN LANGUAGES

Spanish

130. **First Year Spanish.** (*4 q. hrs.*) The first quarter's work.

132. **First Year Spanish.** (*4 q. hrs.*) The third quarter's work. Spanish 130 or Spanish 132 offered according to demand. Students must consult the instructor before registering. 7:30 to 8:30. Mr. Guinagh.

237. **Conversation.** (*4 q. hrs.*) Practice in Spanish conversation. *Prerequisite:* Two years of Spanish in high school or one year in college. 9:50 to 10:50. Mr. Guinagh.

GEOGRAPHY

120. **Principles of Geography.** (*4 q. hrs.*) (See six weeks courses.)

130. **Geography of North America.** (*4 q. hrs.*) A study of the countries of North America, with special reference to the United States, showing the geographic basis for their stages of development and commercial relations. 7:30 to 8:30. Miss Zeller.

221. **Climatology.** (*4 q. hrs.*) An elementary treatment of weather and climate which serves not only as a basis for geographic interpretations, but for advanced work in meteorology and navigation, both of which are of increasing importance in air transportation. 1:30 to 2:30. Miss Harris.

236. **Geology.** (*4 q. hrs.*) An elementary course which deals with the history of the earth and development of life upon it. The collection and identification of common rocks and minerals is part of the course. 8:40 to 9:40. Miss Harris.

345. **Geography of Asia.** (*4 q. hrs.*) An advanced course. After a general survey of the continent, China, Japan, U.S.S.R., India, and the East Indies are studied in detail. 9:50 to 10:50. Miss Zeller.

448. **Conservation of National Resources.** (*4 q. hrs.*) (See six weeks courses.)

Field Trip Courses in Geography

250F. Field Studies in the Regional Geography of the American Southwest. (6 q. hrs.) A study of the geographical regions of the American Southwest will be correlated with each day's travel with the Prairie State Field Studies summer trip of 1947. Equal attention will be given to the natural features and the processes by which they have originated and to the human geography of the areas traversed. The route is planned to include representative landscapes of each of the major regions, and suggestions as to what to look for will be supplied in advance of each day's travels. Places of interest will be interpreted on the spot. Each student will select one or more projects along lines of personal interest for systematic field study. Readings, lectures, and discussions will complete a well-rounded consideration of each region.

Prerequisites: Enrollment with Prairie State Field Studies for 1947 trip and Geography 120 or 130, or equivalent. The course is elective in any curriculum and may be substituted in a geography major or minor for any course open to junior college students except 120 or 221.

350F. Advanced Field Studies in the Regional Geography of the American Southwest. (6 q. hrs.) The plan and contents of the course are the same as for Geography 250F described above. A higher standard of comprehension and notebook preparation will be required.

Prerequisites: Enrollment with Prairie State Field Studies for 1947 trip, senior college standing, and Geography 120 or 130, or equivalent. The course is elective in any curriculum and may be substituted in a geography major or minor for any course except 120, 221, 340, or 447.

HOME ECONOMICS

101. Costume Selection and Personality. (4 q. hrs.) Selection of clothing and accessories as an expression of personality with emphasis upon appropriate use and value. 7:30 to 9:00. Miss Devinney.

201. Clothing Construction. (4 q. hrs.) Fundamental principles of clothing construction and renovation. 9:50 to 12:00. Miss Devinney.

345. Home Management. (4 q. hrs.) Experience in the practical application of the principles of household management is offered through a period of eight weeks' residence in the Home Management House.

Prerequisite: Junior standing and permission of the instructor. Enrollment is limited. Miss Devinney.

INDUSTRIAL ARTS

134. Bench Woodwork. (*1/4 q. hrs.*) Function, care, use of hand tools and elements of wood finishing. 1:30 to 3:40. Mr. Elliott.

136. General Metal. (*1/4 q. hrs.*) This course is planned to develop manipulative skill in the use of hand tools for working common metals as tool steel, mild steel, and art metals. Processes in bending, beating, shaping, and finishing hot and cold metal are studied. A study of metal working tools and materials is considered. 7:30 to 9:40. Mr. Versteeg.

150. Applied Electricity. (*1/4 q. hrs.*) Problems of the consumer. Treatment of electrical problems arising around the home forms the core for the course. Bell circuits, house wiring, power circuits, and the repairing of electrical apparatus are studied. Working techniques are stressed. 1:30 to 3:40. Mr. Elliott.

224. Primary Grade Handwork. (*1/4 q. hrs.*) (See six weeks courses.) This course may be on an eight weeks' basis.

225. Intermediate Grade Handwork. (*1/4 q. hrs.*) (See six weeks courses.) This course may be on an eight weeks' basis.

231. Mechanical Drawing I. (*1/4 q. hrs.*) This course includes instruction in instrumental practice, lettering, sketching, geometrical construction, techniques of drafting, orthographic projection, dimensioning, auxiliary and sectional views. 9:50 to 12:00. Mr. Landis.

259. Printing I. (*1/4 q. hrs.*) The fundamentals of hand composition and platen presswork are taught. Methods of teaching printing in secondary schools are discussed. 1:30 to 3:40. Mr. Landis.

336. Millwork. (*1/4 q. hrs.*) This is a course which stresses furniture and cabinet making with the use of woodworking machines. The care and adjustment of machines are included. Those who take this course may expect the variety of projects to be limited in order that certain essentials may be covered. 9:50 to 12:00. Mr. Elliott.

352. Machine Metal Work I. (*4 q. hrs.*) This course presents the basic principles of machine work as applied to the engine lathe. The operation, adjustment, care and repair of the lathe are covered. 9:50 to 12:00. Mr. Versteeg.

460. Gas and Electric Arc Welding. (*4 q. hrs.*) This course is devoted to a study of the technical materials in welding and the development of skill in welding with gas, with direct current electricity, and with alternating current electricity. 7:30 to 9:40. Mr. Versteeg.

LIBRARY

120. The Use of the Library. (*1 q. hr.*) (See six weeks courses.)

MATHEMATICS

120. The Science, Psychology, and Teaching of Number. (*4 q. hrs.*) (See six weeks courses.)

121. Mathematics in the Upper Grades. (*4 q. hrs.*) (See six weeks courses.)

133. Field Work. (*4 q. hrs.*) Theory and use of the slide rule, spherical trigonometry and applications to elementary celestial navigation, elementary problems in surveying, construction and use of the plane table. *Prerequisite: Plane trigonometry.* 1:30 to 2:30. Mr. Heller.

134. Analytic Geometry. (*4 q. hrs.*) Fundamental principles; the conic sections. 2:40 to 3:40. Mr. Weaver.

228. College Geometry. (*4 q. hrs.*) The objects of this course are to improve and extend the student's knowledge of the content and methods of Euclidian geometry and to give an introduction to modern geometry.

Prerequisite: Mathematics 134. 8:40 to 9:40. Mr. Weaver.

236. Calculus. (*4 q. hrs.*) An introduction to the integral calculus. 7:30 to 8:30. Mr. Weaver.

MUSIC

I. Theory and Music Education

120. Introduction to Music. (*4 q. hrs.*) (See six weeks courses.)

228. Music in Elementary Schools. (*4 q. hrs.*) A study of the objectives, methods, and materials of music education in the

elementary grades. Teaching theories and basic principles underlying the musical development of the child are discussed in class, and made clear through observation of music teaching in the Training School. 9:50 to 10:50. Miss Hanson.

229. Music Appreciation. (*1/4 q. hrs.*) A non-technical course, planned to increase the listener's enjoyment of music. A study is made of various types and forms of music, and favorite selections from the great music literature are made familiar through hearing and analysis. 11:00 to 12:00. Miss Hanson.

230. Harmony. (*1/4 q. hrs.*) 1:30 to 2:30. Mr. Dvorak.

449. Elementary Choral Conducting. (*2 q. hrs.*) The problem of conducting is approached through a study of the vocal score. The theories and principles of baton technique are discussed and practiced. Choral literature is analyzed for means of determining criteria for effective interpretation and performance. Score reading, rehearsal techniques, and principles of voice as applied to choral ensembles are discussed. 9:50 to 10:50. Mr. Dvorak.

452. Psychology of Music. (*1/4 q. hrs.*) A study of psychological concepts of music factors; the development of musical feeling; analysis of musical talent; testing and guidance programs; analysis of factors in musical performance; timbre characteristics of the voice and of musical instruments. 11:00 to 12:00. Mr. Dvorak.

II. Class Methods of Instruction

136. Class Instruction in Voice. (*1 q. hr.*) Development of fundamental vocal techniques; an introduction to song interpretation. 7:30 to 8:30. Miss Miller.

236. Woodwind Class Methods.—Clarinet. (*2 q. hrs.*) 8:40 to 9:40. Mr. Anfinson.

356. Woodwind Class Methods—Flute, Oboe, and Bassoon. (*2 q. hrs.*) 8:40 to 9:40. Mr. Anfinson.

III. Applied Music

Courses in applied music are available in the fields of voice, brass, and woodwinds. Students should consult the head of the department.

PHYSICAL EDUCATION**Men**

See page 15 for required physical education courses.

120. Sport Technique in Tennis, Golf, Archery, and Badminton. (*4 q. hrs.*) The rules and technique of tennis, golf, archery, and badminton; conduct of tournaments; also teaching and appreciation of these sports. 7:30 to 8:30. Mr. Healey.

122. Outdoor Recreational Sports. (*4 q. hrs.*) The rules, technique, and strategy of soccer, touch football, volleyball, and softball; teaching and appreciation of these sports. 2:40 to 3:40. Mr. Healey.

226. Physical Education Activities for Elementary, Junior, and Senior High Schools. (*4 q. hrs.*) This course includes the study and practice of the physical education activities for the different age levels, including the organization, management, and methods in the leadership of the various activities. 11:00 to 12:00. Mr. O'Brien.

347. Basketball Coaching. (*4 q. hrs.*) This course deals with the professional aspect of basketball coaching. It involves offensive and defensive styles of play, fundamentals, team play and a study of the rules including the change of rules, and conduct of tournament play. 8:40 to 9:40. Mr. Healey.

348. Football Coaching. (*4 q. hrs.*) This course deals with the fundamentals of football, including blocking, tackling, passing, kicking, offensive and defensive line and backfield play, and the different systems of play. 9:50 to 10:50. Mr. O'Brien.

350. Baseball Coaching. (*4 q. hrs.*) The course includes the techniques of batting, fielding, playing the different positions; the strategy of baseball, the conduct of daily practice, rules and play situations; also methods of teaching baseball and understanding baseball. Major League vs. college baseball is discussed. 1:30 to 2:30. Mr. Lantz.

452. Physical Education Administration and Supervision. (*4 q. hrs.*) This course deals with program building and the responsibilities of an administrator. It considers the standard of professional qualifications, the planning of courses of study, the construction, equipment, and upkeep of gymnasiums and playfields, records, interschool relationships, and the intramural program. 7:30 to 8:30. Mr. Lantz.

Women

See page 15 for regulations for required physical education.

103. Fundamentals and Tennis. (*1 q. hr.*) Section I, 7:30 MTTF; Section II, 2:40 MTWT.

105. Fundamentals and Golf. (*1 q. hr.*) Section I, 7:30 MTTF; Section II, 3:50 MTWT.

316. Rhythms for Elementary Grades. (*1 q. hr.*) 3:50 daily.

317. Indoor Games for Elementary Grades. (*1 q. hr.*) 11:00 MTWF.

345. Physical Education Activities for the Rural School. (*4 q. hrs.*) (See six weeks courses.)

401. Archery and Badminton. (*1 q. hr.*) 11:00 MTWF.

PHYSICAL SCIENCE**I. General Physical Science**

101. General Physical Science. (*4 q. hrs.*) The second quarter of a one-year survey course in fundamentals of chemistry and physics. *Prerequisite: Physical Science 100.* 7:30 to 8:30 MWF; 7:30 to 9:40 TT. Mr. Marcy.

102. General Physical Science. (*4 q. hrs.*) A continuation of Physical Science 101. 8:40 to 10:50 WF; 9:50 to 10:50 MTT. Mr. Railsback.

II. Chemistry

130. Elementary Chemistry. (*4 q. hrs.*) The first quarter of first-year chemistry. 1:30 to 2:30 MWF; 1:30 to 3:40 TT. Mr. Foreman.

132. Elementary Chemistry. (*4 q. hrs.*) The third quarter of first-year chemistry. Section I: 8:40 to 10:50 WF; 9:50 to 10:50 MTT. Section II: 1:30 to 3:40 MW; 1:30 to 2:30 TTF. Mr. Marcy.

235. Quantitative Analysis. (*4 q. hrs.*) Principles and techniques of volumetric and gravimetric analysis. 1:30 to 3:40 MWF; 1:30 to 2:30 TT. Mr. Phipps.

300. Photography. (*4 q. hrs.*) The general theory and use of the camera, types of emulsion, latent image, development, fixation, printing, enlarging, toning, filters, color photography,

composition. A camera is required. 11:00 to 12:00 MWF, with laboratory hours arranged. Mr. Phipps.

343. Organic Chemistry. (*4 q. hrs.*) The first quarter of a one-year course. 7:30 to 8:30 MWF; 7:30 to 9:40 TT. Mr. Foreman.

446. Physical Chemistry. (*4 q. hrs.*) An introduction to physical chemistry planned particularly for pre-medical students. 8:40 to 9:40 MWF; laboratory hours arranged. Mr. Phipps.

Other advanced courses may be arranged for a limited number of students upon application to the department.

III. Physics

130. First Year Physics. (*4 q. hrs.*) Mechanics and Heat. 7:30 to 8:30 MWF; 7:30 to 9:40 TT. Mr. Railsback.

132. First Year Physics. (*4 q. hrs.*) Electricity and Magnetism. 8:40 to 10:50 TT; 9:50 to 10:50 MWF. Mr. Lefler.

236. Light. (*4 q. hrs.*) Photometry and illumination problems; prisms and lenses and their uses in optical instruments; interference phenomena; spectra and color; polarized light; ultra-violet and infrared. *Prerequisite: General physics.* 7:30 to 9:40 WF; 7:30 to 8:30 MTT. Mr. Lefler.

237. Electricity and Magnetism. (*4 q. hrs.*) Circuit analysis for A. C. and D. C. circuits; distribution of electricity; characteristics of transformers and motors; single and polyphase currents; uses of inductance and capacitance in circuit controls; special uses of electricity in industry; magnetic circuit and properties of magnetic materials. *Prerequisite: Physics 132.* 1:30 to 2:30 TTF; 1:30 to 3:40 MW. Mr. Lefler.

480 (472). Special Problems in Physics. (*4 q. hrs.*) *Prerequisite: permission of the instructor.* 1:30 to 2:30 MTT; 1:30 to 3:40 WF. Mr. Railsback.

SOCIAL SCIENCE

137. Greek History with Its Oriental Backgrounds. (*4 q. hrs.*) This course includes a brief survey of Egypt and the Fertile Crescent area, culminating in an optional trip to Chicago's Oriental Institute. The main body of the course is devoted to Greek history, as follows: Aegean backgrounds and the early Greek life; the Formative Age; Hellenic history and achievements; the Hellenistic world and its influence on the Roman Empire. 1:30 to 2:30. Mr. Alter.

138. Roman History. (*1/4 q. hrs.*) Roman history and its meaning for modern students. The Roman Empire tradition in the light of historical fact. 8:40 to 9:40. Mr. Alter.

139. Medieval Europe, 500 to 1500 A. D. (*1/4 q. hrs.*) The history of medieval Europe, emphasizing the emergence of modern nations and the backgrounds of modern problems for students of today. 11:00 to 12:00. Mr. Guinagh.

233. History of the United States to 1828. (*1/4 q. hrs.*) Colonial backgrounds of national independence; formation of the Union; Jeffersonian and Jacksonian Democracy; beginnings of the westward movement. 9:50 to 10:50. Mr. Alter.

234. History of the United States, 1828 to 1890. (*1/4 q. hrs.*) Manifest Destiny and the slavery controversy. The Civil War and Reconstruction. The new industrial society and the agrarian movement. 11:00 to 12:00. Mr. Seymour.

235. History of the United States since 1898. (*1/4 q. hrs.*)
(See six weeks courses.)

346. History of Europe, 1500 to 1789. (*1/4 q. hrs.*) Renaissance and Reformation. Dominance of Spain and France. Commercial Revolution. Second Hundred Years' War. 8:40 to 9:40. Mr. Seymour.

354. Principles of Economics. (*1/4 q. hrs.*) Definitions; introduction to theory of value and price determination. 8:40 to 9:40. Mr. Plath.

355. Principles of Economics. (*1/4 q. hrs.*) Money and banking. The business cycle. International trade. Rent, interest, wages, and profit. 11:00 to 12:00. Mr. Plath.

364. Local Government. (*1/4 q. hrs.*) A study of the structure and functions of the government of the political subdivisions of the State. About one-half of the course is devoted to city government, and one-half to the government of the county, township, and other local units. 8:40 to 9:40. Mr. Wood.

365. The National Government. (*1/4 q. hrs.*) A study of the structure and functions of the national government of the United States. The Constitution of the United States is examined in detail. 7:30 to 8:30. Mr. Seymour.

453. The Community and Society. (*1/4 q. hrs.*) The contemporary community as the unit of social study, the bases of community life, types of communities, of activities, of organiza-

tion, of government, and of maladjustments; community planning, relations of the community to society as a whole. 9:50 to 10:50. Mr. Wood.

455. Social Problems and Social Trends. (*4 q. hrs.*) The nature of social problems; the problem of adjustment to external nature; population problems; problem of the distribution of wealth and income; health and physical welfare; control and care of defectives; the family and child welfare; crime; the meaning and agencies of social control. 1:30 to 2:30. Mr. Wood.

Field Study Course in Social Science

250F. Field Studies in the History of the American Southwest. (*6 q. hrs.*) *Prerequisites:* *Social Science 234 and 235.* Teaching experience in the social studies field may be offered in the place of course prerequisites, subject to the approval of the instructor.

Eight weeks of directed observation and study of the history of the Southwest with the Prairie State Field Studies. Six and one-half weeks in the field. Attention given to Spanish and American exploration and settlement, Indian culture, frontier conditions, development of natural resources, rise of ranching, agriculture, and industry, political development, the relationship between the history and the geography of the regions visited.

350F. Advanced Field Studies in the History of the American Southwest. (*6 q. hrs.*) Open to students with junior and senior standing who have completed one year of United States history at the college level.

Students taking this course will be members of the same group as those taking Social Science 250F. A higher standard of comprehension and notebook preparation will be required. A teaching unit at a grade level selected by the student and based on the field study experiences will be included in the notebook.

SPEECH

130. Fundamentals of Speech. (*4 q. hrs.*) Content, language, voice, and action in student projects including introductions, social conversations, telephone conversations, interviews, conferences, discussions, and extempore dramatics. 8:40 to 9:40. Mr. Ross.

132. Voice and Diction. (*4 q. hrs.*) Instruction and practice in breathing, relaxation, tone production, rhythm, inflection, and enunciation. 7:30 to 8:30. Mr. Ross.

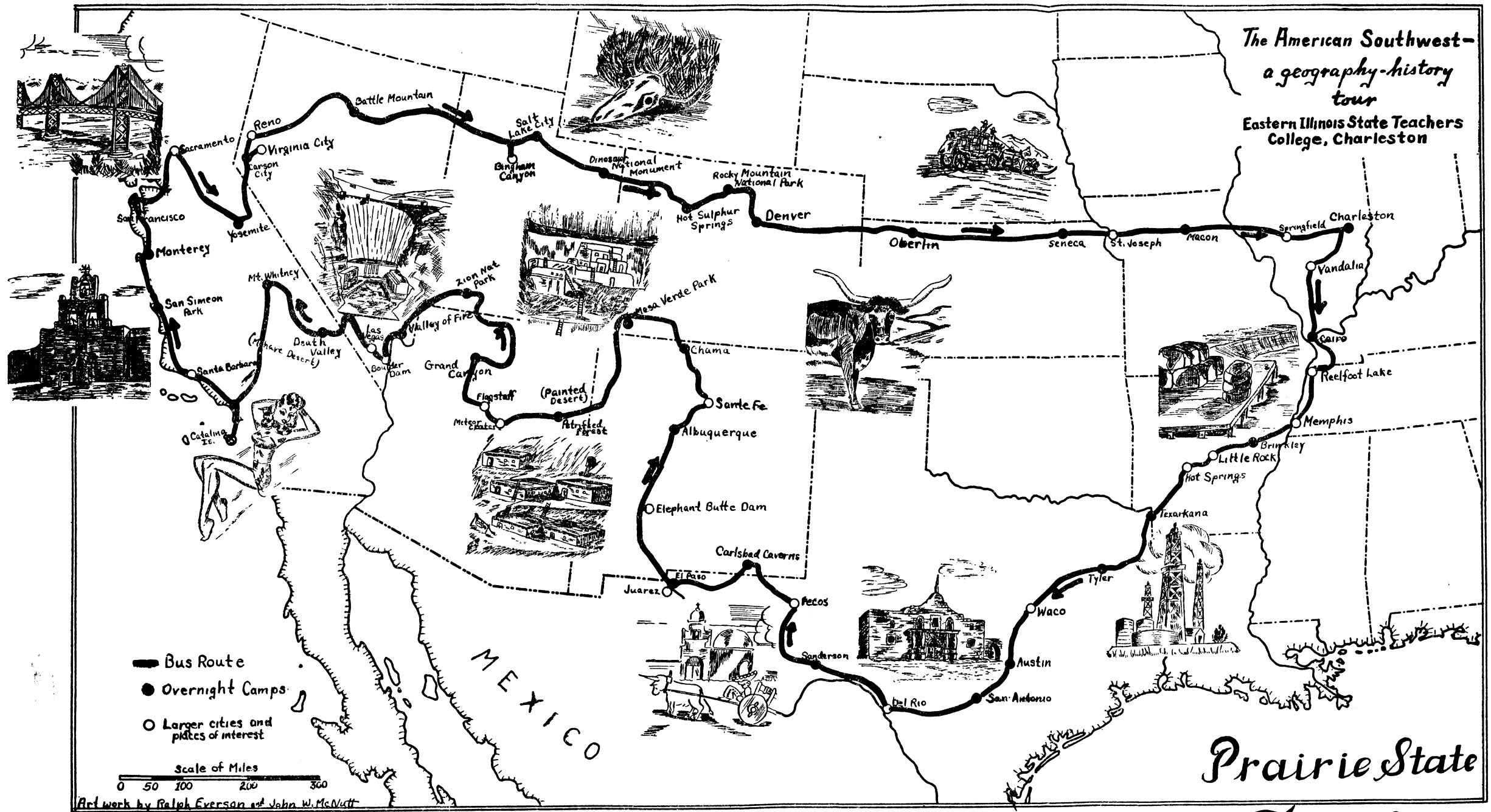
250. Radio Speaking. (*4 q. hrs.*) Consideration of the special problems involved in adapting the principles of effective speaking to the radio in the composition and delivery of announcements, talks, discussions, newscasts, interviews, and features. Practice afforded in general production and speaking techniques. Voice and program recordings. 1:30 to 2:30. Mr. Moses.

345. Public Speaking. (*4 q. hrs.*) This course gives actual practice in speaking before a group. The problems of choosing subjects, gathering material, composing speeches, as well as delivering them effectively, are studied. Section I, 8:40 to 9:40; Section II, 9:50 to 10:50; Section III, 1:30 to 2:30. Mr. Glenn Ross.

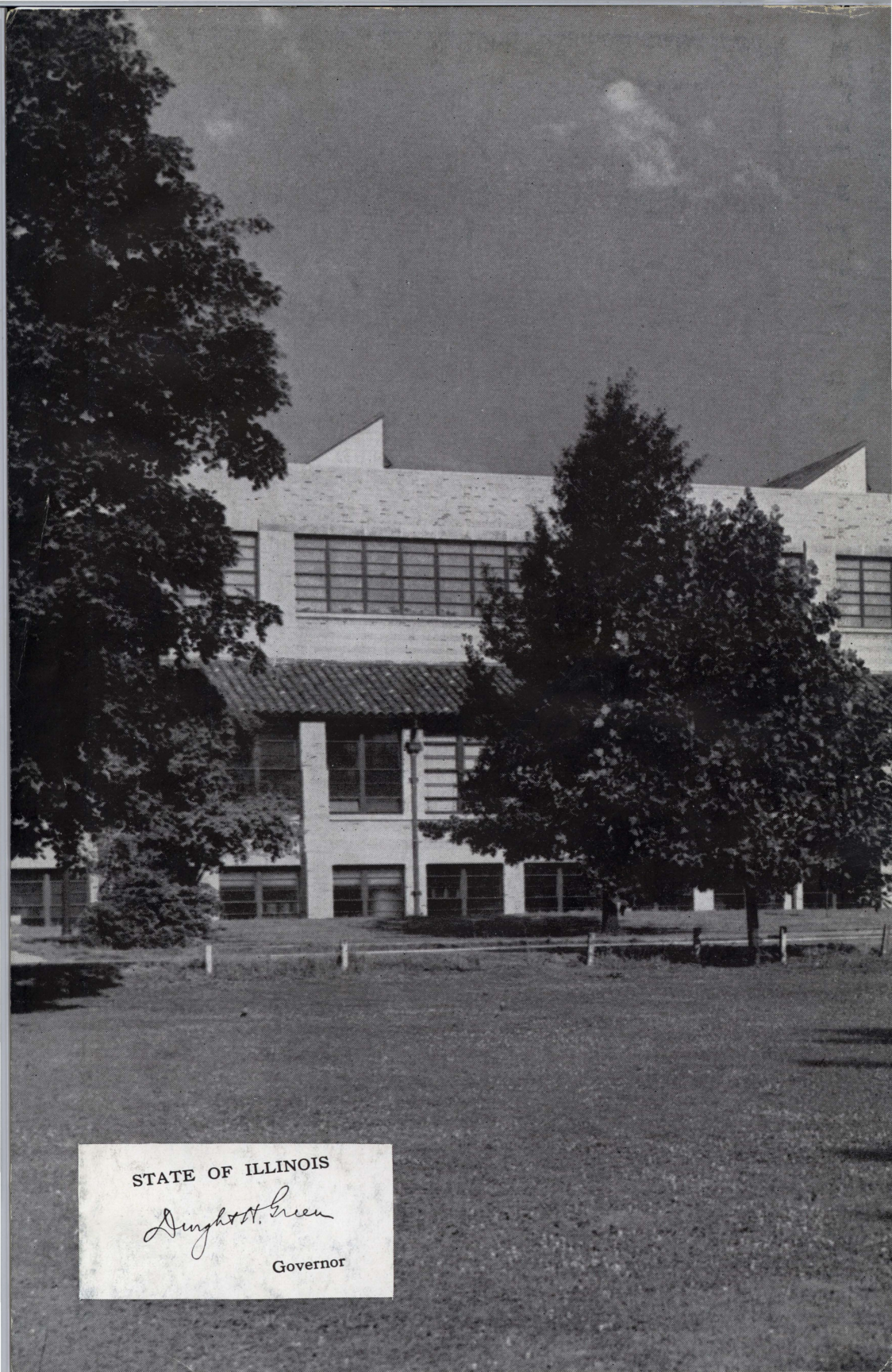
431. Creative Dramatics (Workshop). (*4 q. hrs.*) Dramatics as educational devices for children. Applied projects in the Training School. The advantages of dramatizing literature, history, and other subjects. Choice of plays is presented. 11:00 to 12:00. Mr. Ross.

433. Speech Correction. (*4 q. hrs.*) Recognition, prevention, and treatment of disorders of articulation, voice, and rhythm. The individual psychology of the speech-handicapped person is emphasized. 8:40 to 9:40. Mr. Moses.

**Eastern Illinois State Teachers
College, Charleston**



*Prairie State
Field Studies*



STATE OF ILLINOIS

Angus S. Green

Governor